

IAP11 Rec'd PCT/PTO 25 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Confirmation No.  
Applicant : James Edward Haines  
Filed :  
PCT No. : PCT/EP04/000612  
IFD : January 26, 2004  
TC/A.U. :  
Examiner :

Docket No. : 06-397  
Customer No. : 34704

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance Applicants' duty of disclosure, the following documents are brought to the Examiner's attention:

EP Patent No. 0,938,141A

A. MEULENBERG: "Overview, Testing and Solutions to ESD-induced, Solar-array String, On-orbit Failures" PROGRESS IN PHOTOVOLTAICS RESEARCH AND APPLICATIONS, [Online] vol. 8, 16 June 2000, pages 315-321

U.S. Patent No. 6,181,115 B1

A listing on Forms PCT/SB/08A and PCT/SB/08B is enclosed along with a copy of the non-U.S. documents.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

10/587388

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IDS dated July 10, 2006

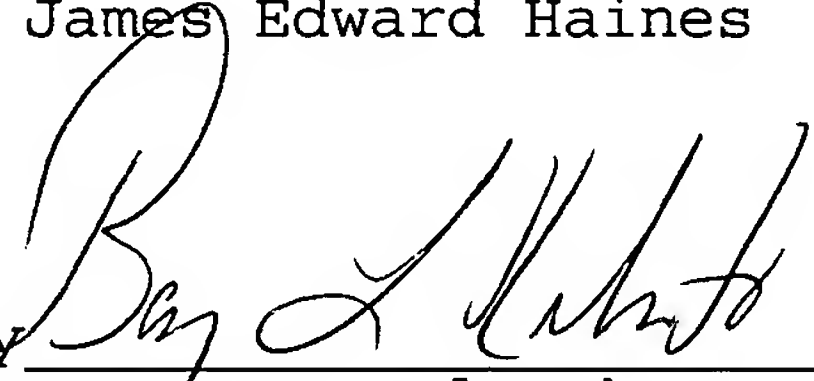
Docket No.: 06-397

No fee is believed to be due as a result of this submission.  
Should the Commissioner determine that a fee is due, he is hereby  
authorized to charge said fee to Deposit Account No. 02-0184.

Respectfully submitted,

James Edward Haines

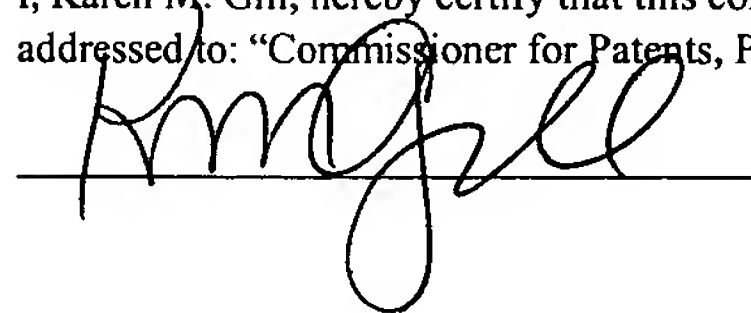
By

  
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Date: July 25, 2006

I, Karen M. Gill, hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope  
addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on July 25, 2006.



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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

**Complete if Known**

Application Number

Filing Date

**First Named Inventor**

James Edward Haines

**Art Unit**

**Examiner Name**

Attorney Docket Number

06-397

Sheet

1

of

2

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0,938,141A	08-25-1999	C.F. Hoeber et al		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	James Edward Haines
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	06-397

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		A. MEULENBERG: "Overview, Testing and Solutions to ESD-induced, Solar-array String, On-orbit Failures" PROGRESS IN PHOTOVOLTAICS RESEARCH AND APPLICATIONS, [Online] vol. 8, 16 June 200, pages 315-321	

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